

ABSTRACT

Terminals and base stations belonging to service areas
100 to 102 of plural radio operators periodically measure
5 a radio-link quality and an availability ratio of a radio
link to notify them to a radio-resource management server
40. The server 40 alters a frequency of the base station,
and a transmitted-power quantity of the base station and
the terminal based on these measured results to improve
10 the radio-link quality, and reduces interference with a
neighboring radio system. When a load is concentrated on a
network of a specific radio operator, an instruction of
handover is given to the terminal from the server 40 to
realize a load distribution within the radio operator, and
15 between the radio operators. When the server 40 detects
excessive radio interference between the radio operators,
it notifies occurrence of a fault, an interference
quantity, a quantity of the transmitted power that the
base station should attenuate, and the frequency that the
20 base station should alter to the above radio operator that
becomes an interference source.